AMENDMENTS TO THE CLAIMS

1-36. **(Canceled)**

37. **(Currently Amended)** A method of inhibiting the transcription and/or translation of a polynucleotide encoding a mammalian CDC25A protein, comprising contacting said polynucleotide with ~~the~~ an oligonucleotide ~~of claim 31~~ that hybridizes to a sequence encoding a mammalian CDC25A protein, or the complement of said sequence, under stringent conditions of 5-10 °C below the calculated melting temperature T_m of said sequence.

38. **(Previously Presented)** The method of claim 37, wherein said mammalian CDC25A protein is derived from a human.

39. **(Previously Presented)** The method of claim 38, wherein said mammalian CDC25A has the amino acid sequence set forth in SEQ ID NO: 2.

40. **(Previously Presented)** The method of claim 39, wherein said oligonucleotide is complementary to the sequence set forth in SEQ ID NO: 1, or a portion thereof.

41. **(Previously Presented)** The method of claim 37, wherein said mammalian CDC25A protein has endogenous tyrosine phosphatase activity.

42. **(Previously Presented)** The method of claim 37, wherein said mammalian CDC25A protein rescues a cdc25-deficient strain of fission yeast.

43. **(Previously Presented)** The method of claim 37, wherein said polynucleotide is mRNA.

44. **(Previously Presented)** The method of claim 37, wherein said oligonucleotide is introduced into a cell comprising said polynucleotide.